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SOURCE Newspapers as indicated.

USSR PLANTS DEVELOP PAPER, FOOD PROCESSING MACHINERYPRODUCE NEW PAPERMAKING MACHINES -- Moscow, Izvestiya, 14 Sep 51

Recently, two new machines for processing condenser paper were produced at the Leningrad Papermaking Equipment Plant imeni Vtoraya Pyatiletka. Two more such machines are in production. Assembly of a machine of new design is being completed. For the first time in the USSR, a 12-roller super-calender for pressing condenser paper is being developed at the plant.

DEVELOP NEW CONTROL INSTRUMENTS FOR FOOD PRODUCTION -- Moscow, Vechernyaya Moskva, 17 Sep 51

The Moscow Checking and Measuring Instruments Plant of Glavpishchemash (Main Administration of Food Machine Building) is assembling complex apparatuses. Recently, original automatic instruments have been manufactured here for controlling complex production processes. At present, they can be found at the caramel shop of the Rot-front Confectionary Factory.

N. Shibko, S. Sokolov, and I. Afanas'yeva, engineers, and V. Kondrashov and Yu. Sokolov, designers, participated in the development of the automatics.

An order from the laboratory of the new Moscow University building has also been completed. A group of instruments for determining acidity and alkalinity of solutions was shipped to it.

MANUFACTURE NEW CRAB CRACKING AND PICKING MACHINE -- Moscow, Komsomol'skaya Pravda, 16 Aug 51

S. Ye. Gubar', an engineer at the Anastas Mikoyan Floating Plant, has invented an interesting machine for cracking crabs.

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The new crab cracking automatic is a narrow 5-meter box with a multitude of mechanisms and levers. This machine will perform all crab cracking and picking operations previously performed by hand. Its productivity is 1,000 crabs per hour. It replaces the hand labor of 45 men.

Testing has shown that the quality of meat is improved, and the quantity increased, since the machine picks the meat more thoroughly. Only five men are required to attend the new machine.

Recently, the Bolshevik Machine-Building Plant manufactured the first four machines, which will be installed at the Alma-Ata Floating Plant.

TO USE LIQUID GAS TO HEAT LIVING QUARTERS -- Moscow, Vechernyaya Moskva, 24 Aug 51

Recently, a small suspension type gas fireplace was designed at the Gazoaparat Plant. The plant has since released an experimental series of these devices.

The gas fireplace can heat living quarters 15-20 square meters in area. It is small in size, 60 centimeters high and 40 centimeters wide, with a good enamel finish. Usually, the fireplaces are secured to the stove, which permits the use of the stove's flue.

To improve the fireplace design, plant personnel have designed a special jet which permits the use of liquid gas. This will make it possible to use fireplaces where there is no gas inlet.

Efforts are being made to utilize scrap metal for the production of gas fireplaces. At least 30 percent of the metal used will consist of scrap. This will decrease the cost of manufacturing the new fireplaces.

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